

# Jaemin Choi

✉ TODO@gmail.com | 📱 jh05013 | 🎓 Jaemin Choi

## Education

### KAIST

M.S. IN SCHOOL OF COMPUTING (EXPECTED)

*Daejeon, South Korea*

*Sep. 2021 - Aug. 2023*

### KAIST

B.S. IN SCHOOL OF COMPUTING

*Daejeon, South Korea*

*Mar. 2017 - Aug. 2021*

## Skills

**Programming** Python, C++, Rust  
**Misc** Algorithm, Coq, LaTeX  
**Languages** Korean, English

## Experience

Always ready for new experience!

## Extracurricular Activity

### RUN (Algorithmic Problem Solving Club of KAIST)

MEMBER & PRESIDENT IN 2020

*Daejeon, S.Korea*

*Mar. 2017 - Feb. 2021*

- Gained knowledge and experience about competitive programming and algorithms.
- Won awards in several programming contests.
- Problem author of the school programming contests for 4 years.
- Worked as the club president in 2020, organizing club contests and teaching basic algorithms.

## Honors & Awards

### INTERNATIONAL AWARDS

2022 **Finalist**, ICPC World Finals Dhaka

*Dhaka, Bangladesh*

### DOMESTIC AWARDS

2020 **TODO**, ICPC Seoul Regional  
2020 **3rd Place Award**, Samsung Collegiate Programming Cup  
2019 **TODO**, ICPC Seoul Regional  
2019 **4th Place Award**, Samsung Collegiate Programming Cup  
2018 **TODO**, ICPC Seoul Regional

*Online*

*Online*

*Seoul, South Korea*

*Seoul, South Korea*

*Seoul, South Korea*

## Publication

### Formal Verification of Chase-Lev Deque in Iris Separation Logic

JAEMIN CHOI

MS Dissertation.

2023

### Modular Verification of Safe Memory Reclamation in Concurrent Separation Logic

JAHWANG JUNG, JANGGUN LEE, **JAEMIN CHOI**, JAEWOO KIM, SUNHO PARK, JEEHOON KANG

2023

Submitted to ACM SIGPLAN conference on Object-oriented Programming, Systems, Languages, and Applications (OOPSLA).

### Compass: Strong and Compositional Library Specifications in Relaxed Memory Separation Logic

HOANG-HAI DANG, JAEHWANG JUNG, **JAEMIN CHOI**, DUC-THAN NGUYEN, WILLIAM MANSKY, JEEHOON KANG, DEREK DREYER

2022

ACM SIGPLAN conference on Programming Languages Design and Implementation (PLDI).

## Writing

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### Samsung Software Membership

WRITER

S. Korea

Aug. 2020 - Aug. 2023 (expected)

- Drafted posts about advanced algorithms and algorithmic problem solving.

## Program Committees

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2022	<b>Problem Writer &amp; Staff</b> , 2022 UCPC Programming Contest	S.Korea
2021	<b>Problem Writer</b> , 2021 KAIST ACM-ICPC Mock Competition	S.Korea
2021	<b>Problem Writer</b> , 2021 UCPC Programming Contest	S.Korea
2021	<b>Problem Writer</b> , 2021 KAIST RUN Spring Contest	S.Korea
2020	<b>Organizer &amp; Problem Writer</b> , 2020 KAIST ACM-ICPC Mock Competition	S.Korea
2019	<b>Problem Writer &amp; Staff</b> , 2019 KAIST ACM-ICPC Mock Competition	S.Korea
2018	<b>Problem Writer</b> , 2018 UCPC Programming Contest	S.Korea
2017	<b>Problem Writer</b> , 2017 KAIST ACM-ICPC Mock Competition	S.Korea